

Irrigation George M. Renfro, Jr.
 Planning Harry G. Edwards
 Eugene C. Buie
 Sedimentation Geology J. W. Roehl
 Zone Engineers John M. Burns
 L. D. Worley
 H. H. Lester

..... F. E. Hardisty
 George Sparrow
 J. T. McAllister
 Frank Bartell
 John Downing
 R. L. Lester
 Wallace Smith

Unit discontinued 1964

Portland, Oregon

Regional Engineer or Head Karl O. Kohler
 John G. Barnesburger
 Francis K. Muceus
 Ellis Hatt
 E. J. Core
 Paul O. Tilker
 Stan Hobson
 Jack Stevenson
 Williams Evans
 *R. W. Van Klaveren

Agricultural Engineering Wendell Styner
 Gordon Stroup
 Larry Dawson
 *Gary E. Formanek

Construction W. R. Stanley
 Jack C. Stevenson
 *Robert Middlecamp

Design F. K. Muceus
 D. C. Ralston
 Richard M. Mathews
 *Donald E. Wallin

Drainage George B. Bradshaw
 H. R. Brownscombe
 William F. Long
 G. W. Stroup
 Elwin Ross
 *Virgil L. Backlund

..... *Gary M. Conaway
 Irrigation Donald A. Williams
 D. G. Shockley
 Harlan G. Collins
 Paul K. Koluvek
 Elwin A. Ross
 *Larry J. Dawson

Landscape Architect *Carolyn A. Adams

Planning Donald A. Williams
 E. J. Core
 F. Rasmussen, Jr.
 R. A. Mashburn, Jr.
 Tom Curtis
 Larry J. Babich
 Peter V. Patterson
 *Joseph W. Sahlfeld

Recreation L. S. Augden
 Clarence Maesner

River Basins C. R. Ness


Sedimentation Geology E. M. Flaxman
 N. M. Curtis, Jr.
 Peter V. Patterson
 *Frank Reckendorf

Soil Engineering J. C. Stevenson
 J. R. Talbot
 R. E. Nelson

Appendix C

.....	R. C. Barnes	.....	Jack W. Adair
.....	Walter K. Twitty	.....	R. Doug Peet
.....	*Douglas E. Seibel	.....	William R. Thompson
Construction	F. E. Blackert	.....	Luther H. McDougal
.....	J. H. Hopson	.....	Rue L. Boswell
.....	E. N. Everett	Hydrology	James Jabriskie
.....	*Donald W. Shanklin	.....	Jerry Andrews
Design	C. M. Moore	.....	T. D. Snider
.....	H. J. Behrens	.....	Frank P. Erichsen
.....	Donald L. Basinger	.....	Calvin Jackson
.....	Robert A. Fronk, Jr.	.....	*William Merkel
.....	*William H. Leeming	Irrigation	L. F. Lawhon
Drainage	T. C. Anderson	.....	Carl L. Anderson
.....	Alonza Gibson	.....	E. L. Alexander
.....	K. V. Stewart, Jr.	.....	Carroll A. Hackbart
.....	L. W. Herndon	.....	Nelton O. Salch
.....	H. J. Foreman	Recreation	H. H. Wilkerson
.....	Richard D. Wenberg	.....	R. J. Miller
.....	W. Kenneth Twitty, Jr.	River Basins	L. D. Ledvina
.....	*S. Rodney White, Jr.	.....	S. B. Owen
Engineering Geology	G. M. Brune	Sedimentation Geology	G. W. Renfro
.....	R. H. Cole	.....	E. C. Nicholas, Jr.
.....	James B. Hyland	.....	*Peter G. Waldo
.....	*Homer H. Logan	Soil Engineering	R. B. Phillips
Environment, Water Quality		.....	Hal Norman
& Waste Disposal	G. A. Margheim	.....	*Charles H. McElroy
.....	J. P. Burt	Groundwater	Dennis C. Erinakes
.....	*David Moffet	Zone Engineers	Phillip M. Price
Landscape Architecture ...	*Phillip B. Delucchi	.....	Charles M. Moore
Planning	Howard O. Matson	.....	Jack W. Adair
.....	Harold Kautz	.....	William T. Burtschi
.....	W. A. Weld	.....	Nathan Falk
.....	J. H. Johnson	.....	Edwin D. Butler
.....	Charles M. Moore	.....	Russel Grandbury
		.....	Monroe Hartman

Milwaukee, Wisconsin



STATE CONSERVATION ENGINEERS

Alabama

..... Arvy Carnes
 R. M. Matthews
 A. B. Holland
 Henry A. Miller
 *Bobby Moore

Alaska

..... James D. Louthan
 *Lewis L. Burton

Arizona

..... J. J. Turner
 R. M. Arrington
 *R. J. Dekle

Arkansas

..... Elwin D. Butler
 Lyle D. Bobeck
 Carl T. Peters
 *Dennis Carman

California

..... Hal G. Enderlin
 Paul O. Tilker
 Hugh T. Shogren
 William R. Evans
 Lee P. Herndon
 Olice "Ted" Gerbaz
 *Charles Davis

Caribbean Area

..... B. E. Davidson
 L. J. Ward
 A. N. Gibson
 P. Cantoni-Martin
 I. R. Emmanuelli
 John H. Geter
 Oscar Perez
 Benjamin Delgado
 *Warner Ivizarry

Colorado

..... Charles H. Mitchell
 J. R. Fisher
 *Flavio Gonzales

Connecticut

..... S. J. Smith, Jr.
 Ted R. Wire
 W. T. Ferguson, Jr.
 E. Minnick
 *William Ireland

Delaware

..... E. L. Schmertzler
 J. W. Stingel
 Grady E. Griggs

..... Emerson P. Christensen
 *Ronald F. Gronwald

Florida

..... U. S. Allison
 D. E. Alcorn
 Douglas E. Hawkins
 Jesse Livingston
 James Martin
 Nelton Slach
 *Jesse T. Wilson

Georgia

..... L. D. Worley
 Robert C. Robinson
 A. J. Dornbusch
 Robert C. Robinson
 *John P. McEvoy

Hawaii

..... R. I. Blewitt
 H. T. Shogren
 Swayne Scott
 Harry N. Means
 William Annabelle
 Larry J. Babich
 *Gordon O. Klofstad

Idaho

..... Meader H. Wilkins
 H. C. Moore
 *H. LeRoy Zollinger

Illinois

..... O. T. Dobyns
 Joseph W. Haas
 Donald E. McCandless
 P. H. Christensen
 W. B. Moody
 M. C. Schendel
 *Harry Means

Indiana

..... R. H. Austin
 John A. Geter
 Eugene J. Pope
 Max L. Evans
 *Jeffry W. Healy

Iowa

..... Paul Jacobson
 Dewey T. Bondurant
 Douglas Seibel
 Don C. Peterson
 *Mark J. Jensen

Kansas

..... George R. Smith
 *Jim R. Wallace

* Incumbent 1990

Appendix C

Kentucky

..... J. M. Burns
..... Joseph R. Davis
..... *Billy P. Hartsell

Louisiana

..... K. V. Stewart, Jr.
..... Larkin B. Agnew
..... *Harry Hawthorne

Maine

..... Glenn W. Grubb
..... R. H. Stone
..... Frank R. Farmer
..... *Arthur G. Dearborn

Maryland

..... J. Turnbull
..... K. P. Jarvis
..... William P. Weldon
..... Richard R. Nagle
..... *John W. Mickleby

Massachusetts

..... M. H. Hubler
..... Z. E. Mills
..... Karl A. Klingelhofer
..... Donald L. Basinger
..... Cecil B. Currin
..... *Carl Gustafson

Michigan

..... E. A. Zack
..... J. W. Waterman
..... Glen E. Stucky
..... W. J. Ochs
..... Loren L. Oshel
..... Howard Belcher, Jr.
..... Edwin L. Minnick
..... *Stephen Davis

Minnesota

..... J. H. Maher
..... R. A. St. John
..... Richard D. Wenberg
..... R. C. Bintzler
..... Richard M. Rovang
..... *John C. Brach

Mississippi

..... H. H. Lester
..... J. B. Furr
..... Peter Forsythe
..... *Richard L. Peace

Missouri

..... W. S. Culpepper
..... James M. Dale
..... *Hugh A. Curry

Montana

Nebraska

..... D. R. Vallicott
..... Leland G. Jackson
..... *Thomas Hamer

Nevada

..... V. J. Allen
..... *Loren J. Spencer

New Hampshire

..... Charles E. Fogg
..... L. F. Silverberger
..... Jesse L. Hicks
..... Charles H. Dingle
..... Henry S. Stamatel
..... W. A. Jolly
..... Tillman Marshall
..... *Gerald J. Lang

New Jersey

..... K. S. Werkman
..... Richard H. Marston
..... Donald W. Haslem
..... Carmelo J. Montana
..... *John A. Tibbetts

New Mexico

..... C. W. Bennett
..... C. J. McCash
..... Roy D. Thompson, Jr.
..... E. C. Vittetoe
..... Roy D. Thompson, Jr.
..... *J. Gordon O'Dell

New York

..... W. S. Atkinson
..... Richard L. Phillips
..... Donald W. Shanklin
..... Lloyd Thomas
..... Phillip Nelson
..... *Donald M. Lake, Jr.

North Carolina

..... G. L. Sherman
..... Robert G. Jessup
..... *Harry J. Gibson

North Dakota

..... Walter A. Augustadt
..... Wayne D. Wavrin
..... Clinton R. Johnson
..... A. R. Moum
..... Thomas Fleming
..... Ronald D. Sando
..... *Wesley J. Wiedenmeyer

Ohio

..... A. F. Kleinhenz
..... Joseph H. Harrington
..... *Arthur M. Brate

Oregon

..... M. V. Penwell
..... Roy L. Fox
..... *Roy E. Bright

Pennsylvania

..... F. R. Brower, Jr
..... Paul E. Nylander
..... C. M. Right
..... Buell M. Ferguson
..... Edgar L. Hemley
..... Mervin Ice
..... *William Bowers

Rhode Island

.....(Serviced by Conneticut)

South Carolina

..... J. L. Aull
..... S. T. Currin
..... W. Burton Wells
..... *H. Cordy Adkins

Utah

..... George A. Lawrence
..... Gilbert P. Searle
..... Phillip D. Coombs
..... *G. Arthur Shoemaker

Vermont

..... K. P. Wilson
..... Richard A. Gallo
..... *Richard J. Croft, Jr.

Virginia

..... W. A. Allaband
..... R. C. Barnes, Jr.
..... Louis S. Button, Jr.
..... *Berry Kintzer

Washington

..... Earl W. Cowley
..... Stanley Hobson
..... Donald W. Haslem
..... W. J. Gorman

AWARDS TO SCS ENGINEERS AND RELATED PROFESSIONALS

USDA DISTINGUISHED SERVICE AWARDS

1958	Donald A. Williams	Washington, DC
1980	Robert E. Rallison	Washington, DC

WILLIAM A. JUMP MEMORIAL FOUNDATION AWARD

1951	Talcott W. Edminister
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ROCKEFELLER PUBLIC SERVICE AWARD

1967	Donald A. Williams
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SCS ENGINEER OF THE YEAR AWARD

1981	Neil F. Bogner	Washington, DC
1982	Walter J. Ochs	Washington, DC
1983	Charles H. McElroy	Fort Worth, TX
1984	Robert L. Gray	Stillwater, OK
1985	Gene C. Vittetoe	Temple, TX
1986	James R. Talbot	Washington, DC
1987	David C. Moffitt	Portland, OR
1988	Richard W. Van Klaveren	Bozeman, MT
1989	James N. Krider	Washington, DC
1990	Kathryn Bird-Humphreys	Artesia, NM
1991	John C. Tiedeman	Sacramento, CA
1992	Hugh A. Curry	Columbia, MO
1993	Victor W. E. Payne	Albany, AL

PRESIDENTIAL DESIGN AWARD

1985	Pine Creek Detention Basin, Contra Costa County, CA
	Charles Davis, Design Engineer
	Robert E. Snieckus, Landscape Architect
	Olice "Ted" Gerbaz, State Conservation Engineer

HARVARD GRADUATE SCHOOL OF DESIGN

Loeb Fellowship Award

1976-77	Sally Schauman
1983-84	Carolyn Adams

USDA SUPERIOR SERVICE AWARDS

1948	William X. Hull	Washington, DC
1948	Lewis A. Jones	Washington, DC
1948	Ralph L. Parshall	Fort Collins, CO
1949	Allan W. McCulloch	Portland, OR
1949	Walter Wesley McLaughlin	Berkeley, CA
1950	Fred W. Blaisdell	Minneapolis, MN

1950	Irwin L. Saveson	Baton Rouge, LA
1951	Harry F. Blaney	Los Angeles, CA
1951	Talcott W. Edminister	Blacksburg, VA
1952	Karl Harris	Phoenix, AZ
1952	William L. Heard	Albany, MI
1954	Glen H. Baker	Elkins, WV
1956	Robert A. Work	Portland, OR
1959	Carl B. Brown	Washington, DC
1959	Edwin Freyburger	Milwaukee, WI
1959	Ellis Hatt	Portland, OR
1962	Eugene C. Buie	Spartanburg, SC
1964	Louis C. Gottschalk	Washington, DC
1964	Harold O. Ogrosky	Washington, DC
1965	Gail W. Eley	Upper Darby, PA
1965	Chester J. Francis	Washington, DC
1966	Francis K. Muceus	Portland, OR
1973	William L. Heard	Jackson, MI
1973	Elliott M. Flaxman	Portland, OR
1977	Joseph W. Haas	Washington, DC
1978	Galen S. Bridge	Spokane, WA
1980	Charles H. McElroy	Fort Worth, TX

1975	Elmer W. Gain
1977	Benjamin A. Jones, Jr.
1991	William O. Ree

American Society of Civil Engineers

Norman Medal

1938	Hunter Rouse
1985	James R. Talbot
1985	Lorn P. Dunnigan

Arthur M. Wellington Prize

1973	Rey S. Decker
1973	Norman L. Ryker

Rickey Medal

1949	Fred W. Blaisdell
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The Theodore von Karman Medal

1963	Hunter Rouse
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The Karl Emil Hilgard Hydraulic Prize

1949	Vito A. Vanoni
1951	Hunter Rouse
1961	Hunter Rouse

The J.C. Stevens Award

1960	Hans A. Einstein
1969	Fred W. Blaisdell
1978	Vito A. Vanoni

Hunter Rouse Hydraulic Engineering Lectureship

1983	Vito A. Vanoni
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Royce J. Tipton Award

1966	Harry F. Blaner Sr.
1971	William F. Donnan
1972	George D. Clyde
1978	Elmer W. Gain
1980	Clyde E. Houston

Hans Albert Einstein Award

1989	Vito A. Vanoni
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Civil Engineering History and Heritage Award

1980	Hunter Rouse
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Civil Government Award

1965	George D. Clyde
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American Society of Landscape Architects

Honor Award

1989	Gary Wells
1989	Ronald W. Tuttle

Chronology

- 31 07 01.....The Division of Agricultural Engineering of the Bureau of Public Roads became the Bureau of Agricultural Engineering.
- 33 03 31.....Civilian Conservation Corps Camps authorized by the Emergency Conservation Work Act (48 Statutes at Large 22-23).
- 33 04 05.....President Roosevelt signed the executive order establishing the CCC Camps.
- 33 05 12.....Agricultural Adjustment Act signed by the President.
- 33 08 25.....Soil Erosion Service established in the U.S. Department of the Interior.
- 33 09 19.....Operation of the Soil Erosion Service begun. H. H. Bennett transferred from USDA as Director of SES.
- 33 10 10.....The first soil erosion control project, the Coon Creek Project, was established in Coon Valley, WI.
- 33 10 16.....Walter C. Lowdermilk entered on duty as Vice-Director of SES.
- 33 11 27.....The first emergency labor was allocated to the Service by the Civil Works Administration.
- 34 01 24.....William A. F. Stephenson entered on duty as Chief of Operations.
- 34 02 15.....Civil Works program of emergency labor discontinued. 1,835 men had been assigned to work on seven of the regularly established projects.
- 34 04 01.....Twenty-two ECW Camps put under the direction of SES.
- 34 05 11.....Great dust storm in the "Dust Bowl" occurred sweeping fine soil particles over Washington, DC and 300 miles out into the Atlantic Ocean.
- 34 06.....National Resources Board succeeds National Planning Board. Later reestablished as National Resources Committee.
- 34 06 30.....SES has 2200 employees. Average CCC camp enrollment, 193 men of whom 82 percent were between 18 and 25 years of age, 13 percent were veterans, and 13 percent were experienced men. SCS supervision and facilitation averaged 9.85 employees per camp.
- 34 10 23.....First issue of "THE LAND" Today and Tomorrow" distributed.
- 35 03 27.....SES transferred to the USDA by Departmental Memorandum 665. Thirty-nine erosion control projects and 51 ECW camps active.
- 35 04 27.....Soil Conservation Act of 1935 (P.L. 46, 74th Cong.) approved. Soil Conservation Service established in USDA, with H. H. Bennett, Chief.
- 35 06 06.....Secretary approved a recommendation that after 1 July 1937 that erosion-control

Appendix E

- 35 07 30..... SCS's first Region, Southwest Region (Region 8) established at Albuquerque, NM.
- 35 08 01..... "Soil Conservation" magazine authorized.
- 35 09 19..... Southeast Region (Region 2) established at Spartanburg, SC.
- 35 09 19..... Northeast Region (Region 1) established; permanent headquarters at Williamsport, PA.
- 35 09 30..... Midsouth Region (Region 4) established at Fort Worth, TX.
- 35 10 08..... Water Resources Committee submitted a report relating to Small Water Storage Projects.
- 35 10 21..... Southern Great Plains Wind Erosion Region (Region 6) established at Amarillo, TX.
- 35 10 21..... Pacific Northwest Region (Region 11) established at Spokane, WA.
- 35 10 21..... Pacific Southwest Region (Region 10) established at Santa Paula, CA.
- 35 10 26..... Ohio Valley Region (Region 3) established; permanent headquarters at Dayton, OH.
- 35 11 05..... Division of Cooperative Relations redesignated the Division of Cooperative Relations and Planning.
- 35 11 22..... Northwest Region (Region 9) established; permanent headquarters at Bend, OR.

- 37 02 27President Roosevelt wrote State Governors urging passage of State legislation to effectuate a soil conservation district program.
- 37 03 03First Soil Conservation District law in U.S. enacted in Arkansas.
- 37 06 28The Civilian Conservation Corps Act approved (50 Statutes at large 319-22).
- 37 06 30Employees in SCS (ECW and SCS) numbered 13,245 people.
- 37 07 07The Division of Watershed and Conservation Surveys established.
- 37 07 22Land Utilization programs authorized by the Bankhead-Jones Farm Tenant Act, (P.L. 75-210) initiated and administered by the Resettlement Administration, USDA.
- 37 08 04First Soil Conservation District in U.S., the Brown Creek Soil Conservation

39 06 20.....SCS Regional Offices now located at Upper Darby, PA, Spartanburg, SC, Dayton, OH, Fort Worth, TX, Milwaukee, WI, Amarillo, TX, Lincoln, NE, Albuquerque, NM, Spokane, WA and Berkeley, CA.

39 06 20.....SCS reorganized to reflect new responsibilities. The organization included the following Divisions: Land Management, Institutional Adjustments, Land Acquisition, Farm Planning and Management, Engineering, Agronomy, Forestry, Range Conservation, Nursery, Biology, Climatic and Physiographic, Sedimentation Studies, Irrigation, Hydrologic, Conservation Economics, Hillculture, Drainage, Conservation Experiment Stations, Physical Surveys, Economic Surveys, Cartography, Project Plans, States Relations, and Program Procedures.

39 06 30.....SCS employees numbered 20,218 plus 17,896 WPA laborers.

39 07 01.....Thirty-eight CCC Drainage Camps were transferred to the SCS from the Bureau of Agricultural Engineering.

39 07 01.....Division of Irrigation and Drainage, Bureau of Agricultural Engineering transferred to SCS.

39 07 01.....*Region 9, Spokane, WA given responsibility for work in AK*

42 07 01Water Facilities Program transferred to the Farm Security Administration from the Soil Conservation Service (Secretary's Memo 969).

42 07 01Reorganization eliminated 3 regional headquarters leaving Region 1 at Upper

Appendix E

- 47 12 16.....SCS reorganized discontinuing Camp Operations Division and the Land Acquisition and Soils Division.
- 48 02 16.....SCS office opened in Alaska.
- 48 06 30.....SCS had 12,087 full- and part-time employees.
- 48 09 21.....The SCS Assistant Chief appointed a committee to "prepare a handbook setting forth service-wide guides covering design criteria, design procedures, standard specifications and contract procedures."
- 49 06 29.....Authority given for the Agricultural Conservation Program to provide funds, not to exceed 5 percent of their allocation, to the SCS for services of SCS technicians in carrying out agricultural conservation programs.
- 49 06 30.....SCS had 14,431 full- and part-time employees.
- 49 07 01.....Engineering Standards Unit established at Lincoln, NE.
- 49 09 29....."Young Plan" of USDA to provide soil and water conservation in the Missouri River Basin and supplement the "Pick-Sloan Plan" submitted to Congress.
- 50 06 30.....SCS had 14,682 full- and part-time employees.
- 50 07 18.....States Relations Division, SCS abolished.
- 51 02 15.....SCS made responsible for all technical phases of the permanent types of soil conservation work undertaken by the Production and Marketing Administration.
- 51 03 30.....President Truman authorized the extension of the services of H. H. Bennett to April 30, 1952.
- 51 06 30.....SCS had 14,665 full- and part-time employees.
- 51 11 13.....Robert M. Salter appointed Chief of the Soil Conservation Service succeeding H. H. Bennett.
- 52.....Engineering Standards Unit moved to Beltsville, MD and became the Design Section.
- 52 01 11.....The Design and Construction Division was established; the Engineering Division was abolished. The functions of the Division s of Agronomy, Biology, Forestry, Nursery, Range, and Land Management were combined in the Engineering Practices Division.
- 52 01 22.....The Water Conservation Planning Division was established; the Engineering Division was abolished; and the Design and Construction Division was established.
- 52 01 22.....SCS Water Conservation Planning Division was established to take over most of the functions of the Water Conservation Division.
- 52 01 23.....SCS Division of Irrigation and Water Conservation was redesignated the Division of Irrigation Engineering and Water Conservation.
- 52 06 22.....SCS had 13,065 full and part time employees


- 52 07 01Flood Rehabilitation Act of 1952 made funds available to SCS for emergency channel restoration, land restoration, and flood rehabilitation in designated flood disaster areas.
- 52 11 15SCS given responsibility for all soil survey activities.
- 53 01 16The Water Conservation and Disposal Practices, Erosion Control Practices, Water Conservation and Irrigation Engineering Divisions were deleted.
- 53 04 01General responsibility for administration of all of the Department's flood control and river basin investigation activities was assigned to SCS.
- 53 06 30SCS had 14,726 employees.
- 53 07 20183 preliminary examinations of small watershed had been completed and 25 detailed survey reports had been submitted to Congress.
- 53 07 28Funds appropriated for demonstrations of combined soil conservation and flood control in 50 or more small pilot watersheds.
- 53 11 02All research except for the national soil survey was transferred from the SCS to the Agricultural Research Service.
- 53 11 02Management of the Land Utilization Projects was transferred from the Soil Conservation Service to the Forest Service.
- 53 11 02The seven Regional Offices of the SCS were abolished. State and Territorial offices were established.
- 53 11 02Donald A. Williams appointed Acting Administrator of SCS.
- 53 11 27Donald A. Williams appointed Administrator of SCS, succeeding Robert M. Salter.
- 53 12 11SCS Design and Construction Branch designated.
- 53 12 11SCS Water Conservation Planning Branch designated.
- 54 01 01Effective date of the transfer of research activities to ARS.
- 54 01 01Land Utilization and Retirement of Submarginal Land Program transferred to Forest Service.
- 54 06 08SCS Central Technical Unit established at Beltsville, MD with Woody L. Cowan, Head; Victor Mocus and H. N. Holtan, Hydrologists, and Victor H. Jones, Geologist. The CTU became responsible for some of the functions previously carried out by the Design Section.
- 54 06 30Emergency flood rehabilitation work in designated areas substantially finished.
- 54 06 30Number of employees in the SCS was 13,546.
- 54 07 02Policy on technical assistance to foreign countries established in Relations Memorandum-4.
- 54 07 20The procedure for review and approval of engineering plans established by Engineering Memorandum-6.
- 54 07 20Policy for the preparation of technical standards given in Engineering Memorandum-6.

Appendix E

- 54 08 04..... The Watershed Protection and Flood Prevention Act (P.L. 83-566) was approved terminating USDA activities under the Flood Control Act of 1936 except in the 11 Authorized Watersheds. SCS was designated as the USDA action agency.
- 54 08 17..... By amendment, the Farmers Home Administration was given responsibility for administration of the Water Facilities Act (P.L. 83-597). The SCS to cooperate as requested by the FmHA.
- 54 09 10..... Preparation of Farm Planners Engineering Handbook directed by Engineering Memorandum-8.
- 54 09 29..... The outline for the preparation of the National Engineering Handbook established by Engineering Memorandum-9.
- 55 05 12..... SCS reorganized. Engineering Division reports to the Assistant Administrator for Field Services.
- 55 06 30..... SCS had 14,973 employees assisting 2,654 conservation districts and 20 other districts in all states and territories.
- 56 08 07..... Watershed Protection and Flood Prevention Act was broadened to include agricultural water management purposes.
- 56 08 07..... Great Plains Program authorized (Public Law 84-1021).
- 57 04 26..... Operations of the Soil Mechanics Laboratory defined in Engineering Memorandum-21.
- 57 05 03..... Engineering classification of soils established by Engineering Memorandum-22.
- 57 12 09..... Authorities for the review and approval of high hazard dams established in Engineering Memorandum-23.
- 58 05 09..... Policy on group enterprise jobs established in Engineering Memorandum-29.
- 58 08 12..... Fish and wildlife aspects included in watershed projects.
- 58 09 02..... Cost-sharing authorized for fish and wildlife projects.
- 58 11 01..... SCS River Basin and Watershed Planning Divisions established.
- 60 06 20..... USDA created National Grasslands from 22 Land Utilization projects in eleven western states.
- 60 06 27..... Act relating to the preservation of historical and archeological data enacted.
- 61 03 09..... First policy on registration as a Professional Engineer established in Engineering Memorandum-44.
- 62 09 27..... Cost sharing for recreation purposes in watershed projects authorized.
- 62 09 27..... Food and Agriculture Act of 1962 enacted (P.L. 87-703).
- 62 10 02..... Drainage Referral Act (P.L. 87-732) enacted.
- 63..... The Design Section and Central Technical Unit were moved to the Federal Center Building in Hyattsville, MD.
- 63 07 30..... Instructions for the inauguration of structures deficiencies issued in

- 64.....Resource Conservation and Development projects begun under the authority of Food and Agriculture Act of 1962.
- 64 05 22.....Four Regional Technical Service Centers established through Administrators General Memorandum-1.
- 64 08 07.....Administrator defines the interrelationships of the Washington Office, the

- 73 01 22..... Administrative direction of Soil Mechanics Laboratory assigned to Midwest RTSC.
- 73 01 22..... Administrative responsibility for the Soil Mechanics Laboratory at Lincoln, NE transferred from the Engineering Division to the Midwest Regional Technical Service Center by Personnel Memorandum-117 (Rev. 2).
- 73 01 22..... Organization of Engineering Division defined by Personnel Memorandum-117 (Rev. 2).
- 73 02 13..... SCS policy to deny technical assistance in the drainage of Types 3, 4 and 5 wetlands adopted.
- 75 03 31..... Policy on Landscape Architecture in the SCS defined in Engineering Memorandum-75.
- 75 06 01..... R. Melvin Davis appointed Administrator, SCS, succeeding Kenneth E. Grant.
- 76 07 01..... SCS has been involved in the construction of 2,566,615 dams of all sizes -- large multipurpose structures to farm ponds.
- 77 04 01..... 1,185 watershed projects had been approved for operations and 434 of these had been completed.
- 77 04 23..... The President directed all agencies to emphasize dam safety.
- 77 05 23..... Executive Order 11988, Floodplain Management issued.
- 77 05 24..... Executive Order 11990, Protection of Wet Lands issued.
- 77 08 08..... Rule requiring Environmental Impact Statements on SCS projects published in the Federal Register.
- 77 09 02..... Secretary of Agriculture directed plans for dam safety be developed.
- 77 10 01..... Administrative approval of watershed work plans from \$150,000 to \$1,000,000 given.
- 78 06 SCS plan for dam safety developed.
- 79..... National Engineering Staff established to include the Design Unit, the Central Technical Unit and Others. The Central Technical Unit was renamed the Hydraulic Unit.
- 79 05 29..... National Engineering Manual established.
- 79 09 12..... Norman Berg appointed Chief, SCS, succeeding R. Melvin Davis.
- 81 12 22..... Agricultural and Food Act of 1981 (P.L. 97-98) approved.
- 82..... National Engineering Staff became a part of the National Engineering Division located at Lanham, MD.
- 82 04 04..... Peter Myers appointed Chief, SCS, succeeding Norman Berg.
- 83..... Lanham Staff moved to Cotton Annex, Washington, DC.
- 85 03 20..... Peter Myers appointed Assistant Secretary, Natural Resources and Environment, USDA.
- 85 05..... Study of USDA's agencies to evaluate the potential for contracting activities to the private sector and potential for sharing some responsibilities between agencies conducted.

- 85 05 21Wilson Scaling appointed Administrator, SCS, succeeding Peter Myers.
- 85 12 23Food Security Act of 1985 (P.L. 99-198) enacted.
- 86A Productivity Improvement Program for engineering was conducted.
- 86Engineering Software Work Group (ESWG) established.
- 86 04 15Productivity Improvement Program in SCS initiated.
- 87Field Office Engineering Software (FOES) project implemented.
- 88A National Water Quality Staff for Technology Development was established and located in Fort Worth, TX.
- 88USDA/SCS established policy to provide technical assistance for quality and quantity of both surface water and groundwater.
- 88 08 23Productivity Improvement study distributed.
- 88 10 28Memo of Agreement signed with Land Improvement Contractors of America to
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Index of Acronyms